

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>J</b>		PAGE OF PAGES <b>1   6</b>	
2. AMENDMENT/MODIFICATION NO. <b>0009</b>		3. EFFECTIVE DATE <b>21-Aug-2003</b>		4. REQUISITION/PURCHASE REQ. NO. <b>FQ442631710100</b>		5. PROJECT NO.(If applicable)	
6. ISSUED BY 375 CONS/LGC 201 E WINTERS STREET BLDG 50 SCOTT AFB IL 62225-5015		CODE <b>FA4407</b>		7. ADMINISTERED BY (If other than item 6)  <b>See Item 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. <b>F11623-03-R-0025</b>			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) <b>22-Jul-2003</b>			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
A.THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C.THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D.OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this Amendment is to provide three pages of Questions with Answers, incorporate an Addendum, and Establish a REVISED DATE FOR RECEIPT OF OFFERS (CLOSING DATE)  A. Attached is provided three pages of questions with answers.  B. Addendum No.2, dated 20 Aug 03, is hereby incorporated into subject solicitation.  C. The Revised Date/Time for Receipt of Offers (Closing Date) is 28 Aug 03, by 1400 (hour), local time.  D. All other terms and conditions remain unchanged.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  <b>21-Aug-2003</b>	

**Solicitation: F11623-03-R-0025**  
**Title: Repair HVAC, Building 1521**  
**Amd 0009, dated 21 Aug 03**

**Questions with Answers:**

**Q: Reference is made to plan sheet D-8, page 11 of 70, note upper left quadrant, "Panel R To Be Removed." Please provide existing finish of corridor wall for patching.**

**A: Architectural drawings have an "Entire Building" note which requires the contractor to patch floors and walls damaged by demolition to match and align with existing adjacent construction materials, methods, finishes, and colors unless noted otherwise including carpet, ceiling, and new wall openings. The note also refers to mechanical and electrical demolition drawings for additional requirements.**

**Mechanical drawings direct the contractor to patch to match existing where piping, ductwork, grills, etc are removed.**

**Electrical drawings indicate direct the contractor to patch surfaces including adjacent construction and finishes damaged during demolition and extension work.**

**Specifications (01010) direct contractor to patch to match existing adjacent construction materials, methods, finishes, and colors.**

**Q: Reference is made to General note 2, plan sheets D-8 through D13 and General note 3 on plan sheet D-14. Please identify all fire rated walls and provide their fire rating requirements.**

**A: For new construction, penetrations and patching shall meet 1 hour fire rating requirements at corridors and 2 hour rating at stairs, mechanical, and electrical rooms per current building code and military construction standards.**

**Q: Reference to plan sheet M-7, page 27 of 70, "Typical Elevation Of Wall Framing At New Ducts And Door Openings." The note indicates double 2X6 studs between ducts. How is the contractor supposed to do this when the existing drywall and finishes are scheduled to remain?**

**A: Contractor shall provide new rough carpentry and patching required to support new construction and installation of new ductwork openings. The typical detail matches details of original construction including double studs, steel angle, and horizontal blocking. Double studs exist around at least some of the current ductwork penetrations. The existing penetrations can be re-used where applicable. Where not available, the contractor shall remove drywall and studs required to provide wall framing in accordance with the detail provided.**

**Q: Will the contractor need to patch existing penetrations where existing duct work is removed? If so, can the patches above the new ceilings be surface mounted or do they need to be flush with the existing wall?**

**A: As noted above, the contractor shall provide structural support and patching as required for new work. The contractor shall patch to match and align with existing adjacent construction materials, methods, finishes, and colors.**

**Q: Please provide pattern and manufacturer of existing corridor wall finishes.**

**A: Contractor to verify as noted above.**

**Q: Regarding the fire alarm system:**

Plan notes say to monitor position switches for each "fire/smoke" damper. As I was double-checking my quote, I noticed that there is a fire alarm cable shown going to about 1/2 of the "fire" dampers at the four fan rooms. Are we to monitor those dampers as well?

Is the fire alarm system supposed to shut down the four AHU's, and if so, under what circumstance(s)? We normally shut them down during a general alarm condition, but I recall that they didn't want shutdown when we recently did the current alarm with Lil Rock Electric.

The existing circuits are Class A, but the specification is calling for Class B. Should we at least equip the new system with class A monitoring cards?

**A: The contractor is to monitor all fire/smoke dampers at the mechanical room ducts. The graphics do not show the line on two plans but the notes do state to take the addressable loop to each fire/smoke damper and provide a monitor IAM.**

**The planned shutdown is all AHU's on general alarm as the contractor has stated. If the client wants to segregate shutdown of HVAC equipment then it needs to be approved by the fire chief on base in writing. We have not received any comments from SAFB regarding this.**

**The existing Class A wiring is on a hardwired non addressable panel which was installed by the Sabre group. With the addressable loop having the ability to tell which is the last device which is reporting we normally do not require installation of Class A wiring on addressable systems.**

**With the non addressable hardwired devices it is not known which device alarmed and where a wire break may have occurred. The contractor is to install in the new addressable panel zone cards to pick up the existing initiating circuits and indicating circuits per note 5 on Drawing E -10.**

**Q: There are no thicknesses for some systems on the Piping insulation schedule.**

**A: In regards to the insulation on the piping, for thicknesses not listed, the specification references a standard M-1008 that is included in the back of the spec book. M -1008 lists contains a table for insulation thickness to comply with ASHRAE 90.1. So for all of the thicknesses not listed the contractors need to go look at that standard to determine the thickness.**

**Q: Section 15519, page-2, para.2.01 asks for a guarantee of 90% eff. from 30% to 100% of firing rate. Will modulation be added as a requirement? (3.) In the same section, para.3.02 -B, what testing measure will be used to determine the achievement of the 90%.? In the field at startup time, a flue gas combustion analyzer is normally used. Is this the test instrument? (3.) Para.3.02C indicates that guaranteed performance must be achieved and if not the fix could require replacement. How close to 90% is acceptable since 180F is not in the condensing mode of operation? Why were thermal efficiency ratings changed?**

**A: Modulation of boilers is not required. Boilers may be step controlled. The testing requirements have not changed from the original specification. Testing should be in accordance with ANSI Z 21.13. The flue gas method. Tolerances of ANSI Z 21.13 are to be used. Regard efficiency, see Addendum No. 2 under Amendment 0009.**

**Q: Mech Sheet M-15 will the existing underground chilled/heating piping stay are will it get removed and new installed.**

**A: See Spec Section 01010, page 1, para 2.C.6.**

**Q: On mechanical drawings M-27 ,M-28 you refer to the chilled water system to have a 40% ethylene Glycol mix.**

**Question:# 1 Is the existing charged with Glycol ?**

**Question#2 On sheet M-24 the existing 8" piping supplying " Existing Distribution System" if it has glycol will there be an issue with mixing the new Glycol with the old. If this system has no Glycol are we to include installing Glycol in this system, If so how big is this system and how much Glycol should we estimate**

**A: The existing system has glycol. The contractor shall remove and discard glycol and refill with new at time of startup. The underground chilled water system extending to other buildings shall be valved off and not drained. At startup time contractor shall provide new glycol to bring entire system up to 40% solution.**

**Q: Mech Sheet M-20 "Heating Coil Detail". Is it the engineer's requirement that we install thermometers and pressure gauges at each reheat box? Are is this detail only for Larger piping at the Air Handlers!**

**A: The detail shows thermometers and pressure gauges on each VCU (vav box) and is correct.**

ADDENDUM NO. 2  
TO  
PLANS AND SPECIFICATIONS  
FOR  
REPAIR HVAC - BUILDING 1521  
AT  
SCOTT AIR FORCE BASE, ILLINOIS

20 August 2003

SPECIFICATIONS

ITEM NO. 1: Section 15519 – Part 2, paragraph 2.01. B, replace with new sentence to read,  
“Guarantee boilers to operate at minimum efficiency of 88% from 30% to 100% of firing rate.”

ITEM NO. 2: Section 15120 – Part 2, Paragraph 2.01. add paragraph to read, “G. ET1 size:  
131 gallons, minimum acceptance volume 42 gallons. ET-2 size: 211 gallons, minimum  
acceptance volume 69 gallons.”

END OF ADDENDUM NO. 2